



Division of Emergency Medicine Scholarly Activity 2020-2021

Publications

1. Abulebda K, Ahmed RA, Auerbach MA, Bona AM, Falvo LE, **Hughes PG**, Gross IT, Sarmiento EJ, Barach PR. National preparedness survey of pediatric intensive care units with simulation centers during the coronavirus pandemic. *World Journal Critical Care Medicine*. 2020;9(5):74-87. PMID: 33384950.
2. **Alter SM**, Maki DG, LeBlang S, **Shih RD**, Hennekens, CH. The Menacing Assaults on Science, FDA, CDC, and Health of the US Public. *EClinicalMedicine*. 2020 Oct;27:100581. PMID: 33073218.
3. **Alter SM, Mazer BA, Solano JJ, Shih RD**, Hughes MJ, **Clayton LM, Greaves SW**, Trinh NQ, **Hughes PG**. Antiplatelet Therapy is Associated with a High Rate of Intracranial Hemorrhage in Head Injury Patients. *Trauma Surgery and Acute Care Open*. 2020;5(1):e000520. PMID: 33294625.
4. **Alter SM, Solano JJ**, Engstrom GE, **Shih RD**. Traumatic intracranial hemorrhage in geriatric patients on warfarin, direct oral anticoagulants, or no anticoagulation [abstract 94]. *Annals of Emergency Medicine*. 2020;76(S4):S37.
5. Alter SM, Solano JJ, Maki DG, Levine RS, Shih RD, Hennekens CH. Covid-19 in the United States: A Tale of One Country and Two Large States. *Internal Medicine: Open Access*. 2021;11(S3):003.
6. American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Community-Acquired Pneumonia (**Shih RD**), Smith MD, Fee C, Mace SE, Maughan B, Perkins JC Jr, Kaji A, Wolf SJ. Clinical Policy: Critical Issues in the Management of Adult Patients Presenting to the Emergency Department With Community-Acquired Pneumonia. *Annals of Emergency Medicine*. 2021;77(1):e1-e57. PMID: 33349374.
7. Auerbach MA, Abulebda K, Bona AM, Falvo L, **Hughes PG**, Wagner M, Barach PR, Ahmed RA. A National US Survey of Pediatric Emergency Department Coronavirus Pandemic Preparedness. *Pediatric Emergency Care*. 2021;37(1):48-53. PMID: 33394945.

8. Baker WE, **Solano JJ**. Quality Assurance in the Emergency Department. *Emergency Medicine Clinics of North America*. 2020;38(3):663-680. PMID: 32616286.
9. **Benda B**. Ship of Fools. *Integrative Medicine (Encinitas)*. 2021;20(3):44. PMID: 34377101.
10. **Benda B**. Somebody's Hero. *Integrative Medicine (Encinitas)*. 2021;20(2):48. PMID: 34377094.
11. **Benda B**. The End of the Innocence. *Integrative Medicine (Encinitas)*. 2020;19(6):56. PMID: 33488311.
12. Expert Panel on Musculoskeletal Imaging, Smith SE, Chang EY, Ha AS, Bartolotta RJ, Bucknor M, Chandra T, Chen KC, Gorbachova T, Khurana B, Klitzke AK, Lee KS, Mooar PA, Ross AB, **Shih RD**, Singer AD, Taljanovic MS, Thomas JM, Tynus KM, Kransdorf MJ. ACR Appropriateness Criteria® Acute Trauma to the Ankle. *Journal of the American College of Radiology*. 2020;17(11S):S355-S366. PMID: 33153549.
13. Gable BD, Misra A, Doos DM, **Hughes PG, Clayton LM**, Ahmed RA. Disaster Day: A Simulation-Based Disaster Medicine Curriculum for Novice Learners. *Journal of Medical Education and Curricular Development*. 2021;8:23821205211020751. PMID: 34164580.
14. Greaves S, Ahmed RA, Hughes KE, Doos D, **Clayton LM, Solano JJ, Alter SM, Echeverri S, Shih RD, Hughes PG**. Fluorescent Tracer in Personal Protective Equipment Training in the Era of COVID-19 [abstract 62]. *Academic Emergency Medicine*. 2021;28(S1):S40.
15. **Hatoum ZG, Alter SM**. A Foley folly: Unintended proximal urethral catheterization and balloon inflation causing urethral injury during suprapubic cystostomy exchange. *Journal of the American College of Emergency Physicians Open*. 2020;1(5):798-800. PMID: 33145522.
16. **Hughes PG**, Hughes KE, Hughes MJ, Weaver L, Falvo LE, Bona AM, Cooper D, Hobgood C, Ahmed RA. Setup and execution of the Rapid Cycle Deliberate Practice Death Notification Curriculum. *Journal of Visualized Experiments*. 2020;(162). PMID: 32831312.
17. **Hughes PG**, Hughes KE, Ahmed RA. Does my personal protective equipment really work? A simulation-based approach. *Medical Education*. 2020;54(8):759-760. PMID: 32333405
18. Khazem M, Engstrom GE, **Solano JJ, Alter SM, Shih RD**. Fall Concern, Primary Care Provider Follow-Up, and Adoption of Prevention Strategies for Older Adults Sustaining Falls [abstract D55]. *Journal of the American Geriatric Society*. 2021;69(S1):S242.
19. Mcquown C, Ahmed RA, **Hughes PG**, Ortiz-Figueroa F, Drost JC, Brown DK, Fosnight S, Hazelett S. Creation and implementation of a large-scale geriatric

interprofessional education experience. *Current Gerontology and Geriatric Research*. 2020 Jul 25;2020:3175403. PMID: 32774359.

20. **Mendelsohn RA, Taveras AN, Mazer BA, Clayton LM.** Euglycemic Diabetic Ketoacidosis Precipitated by SGLT-2 Inhibitor Use, Pericarditis, and Fasting: A Case Report. *Clinical Practice and Cases in Emergency Medicine*. 2020;4(3):389-392. PMID: 32926693.
21. **Parks DJ, Alter SM, Shih RD, Solano JJ, Hughes PG, Clayton LM.** Rescue Intubation in the Emergency Department After Prehospital Ketamine Administration for Agitation. *Prehospital and Disaster Medicine*. 2020;35(6):651-655. PMID: 32921342.
22. Pierce B, **Alter SM**, Gerakopoulos K, Parmar J. An Unusual Presentation of Retinal Detachment and Conjunctivitis: A Case Report. *Clinical Practice and Cases in Emergency Medicine*. 2020;4(3):446-449. PMID: 32926709.
23. Rabinowitz S, **Solano JJ.** When the Red Tide Rolls In: A Red Tide Associated Angioedema Case Report. *Clinical Practice and Cases in Emergency Medicine*. 2021;5(2):222-225. PMID: 34437010.
24. Rosasco J, McCarroll ML, Gothard MD, Myers J, **Hughes P**, Schwartz A, George RL, Ahmed RA. Medical Decision Making in the Physician Hierarchy: A Pilot Pedagogical Evaluation. *Journal of Medical Education and Curricular Development*. 2020 Jul 2;7:2382120520925061. PMID: 32656357.
25. **Shih RD, Clayton LM**, Hollander JE. Cocaine. Harwood-Nuss' Clinical Practice of Emergency Medicine. 7th edition. Editors: Wolfson AB, Cloutier RL, Hendey GW, Ling LJ, Rosen CL, Schaider JJ. Wolters Kluwer, Philadelphia, Pennsylvania, 2020.
26. **Shih RD**, Johnson HM, Maki DG, Hennekens CH. Hydroxychloroquine for Coronavirus: The Urgent Need for a Moratorium on Prescriptions. *American Journal of Medicine*. 2020;133(9):1007-1008. PMID: 32502485.
27. **Shih RD**, Louis PM, **Alter SM, Hughes PG, Solano JJ, Clayton LM.** Syncope: A Very Atypical Presentation of COVID-19. *European Journal of Medical and Health Sciences*. 2020;2(6):1-3.
28. **Solano JJ, Clayton LM, Parks DJ**, Polley SE, **Hughes PG, Shih RD, Benda W, Hennekens CH, Alter SM.** Intubation after prehospital ketamine administration for excited delirium with illicit substance coingestion [abstract 17]. *Prehospital Emergency Care*. 2021;25(1):129. PMID: 33090927.
29. **Solano JJ**, Maki DG, Adirim TA, **Shih RD**, Hennekens CH. Public Health Strategies Contain and Mitigate COVID-19: A Tale of Two Democracies. *American Journal of Medicine*. 2020;133(12):1365-1366. PMID: 32810463.
30. Stein PD, Matta F, **Hughes PG**, Gerstner BJ, **Hatoum Z**, Berens N, Hanover KR, Kakish EJ, Hughes MJ. Usefulness of ancillary findings on CT pulmonary angiograms

that are negative for pulmonary embolism. *Thrombosis Research*. 2021;200:48-50. PMID: 33540291.

31. Stein PD, Matta F, **Hughes PG**, Hughes MJ. Adjunctive Therapy and Mortality in Patients with Unstable Pulmonary Embolism. *American Journal of Cardiology*. 2020;125(12):1913-1919. PMID: 32471550.
32. Temple CA, **Alter SM, Solano JJ, Hughes PG, Clayton LM, Shih RD**. Time from hospital presentation to head imaging in White, Black, and Hispanic geriatric trauma patients [abstract 73]. *Academic Emergency Medicine*. 2021;28(S1):S45.
33. Ujueta N, **Alter SM, Solano JJ, Clayton LM, Hughes PG, Shih RD**. Characteristics of geriatric head trauma patients who do not receive head computerized tomography imaging [abstract 483]. *Academic Emergency Medicine*. 2021;28(S1):S235.
34. Warees WM, **Clayton L**, Slane M. Crutches. In: StatPearls. Treasure Island (FL): StatPearls Publishing; March 13, 2021. PMID: 30969546.
35. Wong AH, Ahmed RA, Ray JM, Khan H, **Hughes PG**, McCoy CE, Auerbach MA, Barach P. Supporting the Quadruple Aim Using Simulation and Human Factors During COVID-19 Care. *American Journal of Medical Quality*. 2021;36(2):73-83. PMID: 33830094.

Grants

1. **Shih RD, Alter SM, Solano JJ**, Reyes B, **Clayton LM, Hughes PG, Benda W**, Ouslander JG. Geriatric Head Trauma Short Term Outcomes Project. Florida Medical Malpractice Joint Underwriting Association Grant for Safety of Health Care Services #2018-01. July 1, 2019 to June 30, 2021. \$959,750.

Oral Presentations

1. **Alter SM, Solano JJ**, Engstrom GE, **Shih RD**. Traumatic intracranial hemorrhage in geriatric patients on warfarin, direct oral anticoagulants, or no anticoagulation: A prospective study. Oral presentation at: 2020 ACEP Research Forum; October 26-29, 2020; virtual meeting.
2. Frallicciardi A, Paetow G, Moadel T, Young A, Hock S, Cassara M, Lei C, Strother C, **Hughes PG**, Bentley SK, Nadir N, Falk M, Conlon LW, Schertzer KA, Hrdy MS, McKenna R, Kulkarni M. Simulation Workshop: Critical Strategies in Simulation Procedural Skills Training for High-risk, Low Frequency Procedures. Pre-conference workshop conducted at 2021 SAEM Annual Meeting; May 11, 2021; virtual meeting.
3. **Greaves SW**, Ahmed RA, Hughes KE, Doos D, **Clayton LM, Solano JJ, Alter SM**, Echeverri S, **Shih RD, Hughes PG**. Fluorescent Tracer in Personal Protective Equipment Training in the Era of Coronavirus Disease 2019. Oral presentation at: 2021 SAEM Annual Meeting; May 11-14, 2021; virtual meeting.

4. Gonzalez M, **Alter SM, Solano JJ, Shih RD**. Comparing rates of skull fractures in female versus male geriatric patients: A prospective study. Oral presentation at: Symposium by the Sea; August 25-28, 2020; virtual meeting.
5. Hock S, Hrdy M, Young A, Paetow G, Cassara M, **Hughes P**, Schertzer K, Conlon L, Frallicciardi A, Smith M, Falk M, Nadir N, Lei C, Strother C, Smith C, Romo E, Kulkarni M, McKenna R, Moadel T. Procedural Skills Training for Emergency Medicine: Applied Educational Theory. Hands-on workshop (60 minutes) conducted at 21st International Meeting on Simulation in Healthcare; January 2021; virtual meeting.
6. Hughes KE, Cahir TM, Nordlund D, **Hughes PG**. Fear Not: Utilizing Simulation for Medical Malpractice Education. Oral presentation at 2021 SAEM Annual Meeting; May 14, 2021; virtual meeting.
7. Hughes KE, Nordlund D, Plitt J, Hughes M, **Hughes PG**. Medical Malpractice Education: Creating a Successful Interprofessional Legal Simulation. Hands-on workshop (60 minutes) conducted at 21st International Meeting on Simulation in Healthcare; January 2021; virtual meeting.
8. **Hughes PG**, Hughes KE, Hughes MJ, Falvo L, Bona A, Doos D, Ahmed RA. Does my personal protective equipment really work? A simulation-based approach. Hands-on workshop (60 minutes) conducted at 21st International Meeting on Simulation in Healthcare; January 2021; virtual meeting.
9. Khazem M, Engstrom GE, **Solano JJ, Alter SM, Shih RD**. Fall Concern, Primary Care Provider Follow-Up and Adoption of Prevention Strategies for Older Adults Sustaining Falls. 5-minute oral presentation at American Geriatrics Society 2021 Annual Scientific Meeting; May 13-15, 2021; virtual meeting.
10. Russo S, **Alter SM, Solano JJ, Shih RD**. Glasgow coma scale as a predictor of intracranial hemorrhage in geriatric head trauma patients: A prospective study. Oral presentation at: Symposium by the Sea; August 25-28, 2020; virtual meeting.
11. **Solano JJ, Clayton LM, Parks DJ**, Polley SE, **Hughes PG, Shih RD, Benda W**, Hennekens CH, **Alter SM**. Intubation after prehospital ketamine administration for excited delirium with illicit substance coingestion. Oral presentation at: 2021 National Association of EMS Physicians; January 11-16, 2021; virtual meeting.
12. Temple CA, **Alter SM, Solano JJ, Hughes PG, Clayton LM, Shih RD**. Time from hospital presentation to head imaging in White, Black, and Hispanic geriatric trauma patients. Oral presentation at: 2021 SAEM Annual Meeting; May 11-14, 2021; virtual meeting.
13. Ujueta N, **Alter SM, Solano JJ, Clayton LM, Hughes PG, Shih RD**. Characteristics of geriatric head trauma patients who do not receive head computerized tomography

imaging. Oral presentation at: 2021 SAEM Annual Meeting; May 11-14, 2021; virtual meeting.

Poster Presentations

1. **Busko AM, Alter SM, Solano JJ, Clayton LM, Hughes PG**, Paley RJ, **Shih RD**. The role of thromboelastography in treatment of geriatric traumatic brain injury patients. Poster presented at: 2021 International Conference on Emergency Medicine; June 8-12, 2021; virtual meeting.
2. Engstrom G, **Alter SM, Shih RD, Solano JJ**. Adherence to primary care physician follow-up among geriatric head trauma patients after hospitalization. Poster presented at: European Society of Emergency Medicine 2020 Congress; September 19-23, 2020; virtual meeting.
3. **Klein DC**, Torres JA, Engstrom G, **Solano JJ, Alter SM, Shih RD**. Association between acute intracranial hemorrhage and ground-level falls in geriatric patients taking aspirin. Poster presented at: 2020 FMA Annual Meeting; August 1, 2020; virtual meeting.